CPVO
Community Plant Variety Office

DISCLAIMER

The present version of the national guideline has been accepted by the President of the CPVO for its use in technical examinations carried out on behalf of the CPVO or for the take-over of reports serving as a basis for a CPVO decision.

3 boulevard Maréchal Foch • CS 10121 • 49101 ANGERS CEDEX 2 • FRANCE • Tel. +33 (0)2 41 25 64 00 • Fax +33 (0)2 41 25 64 10 • cpvo@cpvo.europa.eu • cpvo.europa.eu

ANNEX 3

Simplified standard protocol

Botanical taxon:	*Allium tuncelianum*	
Common Name (when known):	Tunceli Garlic	
Date of preparation of the Simplified Standard Protocol:	01/03/2016	
Simplified Standard Protocol data prepared by:	David HIDROT	
Way of propagation of the plants to be examined SEED/VEGETATIVE	Seed or Vegetative	
Number of growing cycles:	2	
Closing date for applications:	1/09	
Submission of plant material date/period:	1/10	
Seed/Plant Quantity	50 grams or 120 bulbs	
Seed /Plant Quality	Should not be less than the standards laid down for plants in EC Directive 92/33 and implementing measures.	
Special conditions of the sample:	Bulbs must be free from nematodes, white rot, mites, and Onion Yellow Dwarf Virus (OYDV)	
Test station address:	GEVES de Cavaillon 4790, route de Vignères 84250 LE THOR	
Name/Email/Tel./Contact person	David HIDROT david.hidrot@geves.fr +33 (0)4 90 78 66 60	
List of grouping characteristics	NO	
Minimum number of plants in trial	vegetative: 60	seed: 200
Minimum number of plants observed by measuring or counting:	vegetative: 30	seed: 60

Give description of when observations on the flower should take place	spring
Give description of when/where observations on the leaf should take place	late winter
Give description of when/where the other observations should take place	summer

Test will take place ~~IN THE GREENHOUSE~~ / IN THE OPEN / ~~OTHER: specify~~

Uniformity: relative uniformity standards should be applied.

Table of characteristics PRESENT / ~~NOT AVAILABLE~~

States of expression NOT available

(if present, please enclose the table of characteristics and explanations)

Reference collection ~~PRESENT~~ / NOT AVAILABLE

(if present, please enclose information about the reference collection)

Literature PRESENT / ~~ABSENT~~

(when present, please annex to this document)

(*) Further information about the preparation of Technical Protocols can be obtained from UPOV TGP/7: 'Development of test guidelines', available on the UPOV website.

Characteristic n°	Plant material submitted	Table of Characteristics
1	seeds	Foliage : height
2	seeds	Foliage: attitude
3	seeds	Leaf : green color
4	seeds	Leaf: waxiness
5	seeds	Leaf: length (longest leaf)
6	seeds	Leaf: width (as for 5)
7	seeds	Leaf: shape in cross section
8	seeds	Pseudostem: number of pseudostem (only for varieties with pseudostem)
9	seeds	Pseudostem: number of leaves per pseudostem
10	seeds	Pseudostem: intensity of anthocyanin coloration at base
11	seeds	Pseudostem: diameter
12	seeds	Pseudostem: length of internodes
13	seeds	Pseudostem: flowering stem
14	seeds	Pseudostem: bulb production
15	seeds	Bulb presence
16	bulbs	Flowering stem: curvature
17	bulbs	Flowering stem: length
18	bulbs	Flowering stem: bulblets
19	bulbs	Bulblets : color
20	bulbs	Bulb: diameter
21	bulbs	Bulb: shape in longitudinal section
22	bulbs	Bulb: shape in cross section
23	bulbs	Bulb: position of root disc
24	bulbs	Bulb: shape of base
25	bulbs	Bulb: compactness of cloves
26	bulbs	Bulb: ground color of dry external scales
27	bulbs	Bulb: anthocyanin stripes on dry external scales
28	bulbs	Bulb: skin adherence of dry external scales
29	bulbs	Bulb: thickness of dry external scales
30	bulbs	Bulb: number of cloves
31	bulbs	Bulb: distribution of cloves
32	bulbs	Bulb: external clove
33	bulbs	Clove: size
34	bulbs	Clove: color of scale
35	bulbs	Clove: intensity of color of scale
36	bulbs	Clove: anthocyanin stripes on scale
37	bulbs	Clove: color of flesh
38	bulbs	Time of harvest maturity
39	bulbs	Percentage of dry matter
40	bulbs	End of dormancy of clove in bulb
41	seeds or bulbs	Inflorescence : corolla color
42	seeds or bulbs	Inflorescence : pedicel color
43	seeds or bulbs	Male sterility

LITERATURE

S. KIZIL, D.Y. ICGIL and K. M. KHAWAR, 2014: Improved in vitro regeneration and propagation of Tunceli garlic (*Allium tuncelianum* L.). Journal of Horticultural Science & Biotechnology (2014) 89 (4) 408–414.

S. KIZIL, K. M. KHAWAR, 2017: Introduction of endemic *Allium tuncelianum* kollman from hot and temperate climate to semi-arid climatic conditions. Acta Sci. Pol. Hortorum Cultus, 16(5) 2017, 117–124.

S. KIZIL, K. M. KHAWAR, 2017: Plasticity and adaptability of tunceli garlic under semiarid ecological conditions of south east Anatolia. Agrolife Scientific Journal – Volume 6, Number 1, 2017.